

Project Title: Predicting Housing Price

ABSTRACT:

In recent years, the real estate market has experienced significant fluctuations, making it crucial for buyers, sellers, and investors to have accurate predictions of housing prices. This project aims to develop a predictive model for housing prices using machine learning techniques. By leveraging historical data, including features such as location, size, number of bedrooms, and amenities, we will implement various regression algorithms to analyze and forecast housing prices.

The project consists of two main components: a backend that processes data and trains the predictive model, and a frontend that provides an interactive user interface for users to input property details and receive price predictions. The **backend** will be developed **using Python** with frameworks like while the frontend will utilize *HTML, CSS, and JavaScript*, potentially incorporating libraries such as for a dynamic user experience. This project not only demonstrates the application of machine learning in real-world scenarios but also enhances user accessibility to housing market insights.